SEA PAC

Northwestern Division Convention

"Surf a Radio Wave"

Seaside Convention Center
Seaside, Oregon

www.seapac.org

June 2, 3 and 4, 2023

Sponsored by the Oregon Tualatin Valley Amateur Radio Club
Co-sponsored by the Clark County Amateur Radio Club

Welcome to SEA-PAC '23!

"Surf a Radio Wave"

Welcome to SEA-PAC!

"Surf a radio wave..." at the only amateur radio convention at the beach!

Welcome to the 41st Anniversary (and 40th convention) of SEA-PAC. This year we emerge more fully from the pandemic, ready to move on and to celebrate amateur radio together once again.

SEA-PAC, like amateur radio itself, has persevered through challenges and continues to be active, even vibrant. Technical innovation, creativity, persistence, and collective openness to trying different modes and activities all forge the resilience that not only sustains amateur radio but keeps it fresh and exciting to ham radio operators, both as a hobby and a service.

This resilience and creativity will be evident at this year's convention, in seminars and workshops, in our exhibitors' offerings, and in you, our convention participants. SEA-PAC continues to have your favorites: seminars, workshops, exhibitors, flea market, the banquet, and the new event debuted last year, our Friday evening reception. The Convention Center, which completed renovation just before SEA-PAC 2022, continues to add improvements and burnish itself as an appropriate setting for the largest amateur radio convention in the Pacific Northwest.

SEA-PAC does not happen without volunteer effort. Over two dozen volunteers work from September to June to organize this convention. Oregon Tualatin Valley Amateur Radio Club sponsors SEA-PAC in concert with Clark County Amateur Radio Club, and members of both clubs comprise our committee. Even with our committee members' nine months of work, it takes many dedicated volunteers onsite to make this convention happen. And it takes YOU, our attendees, bringing your curiosity, fellowship, and dedication to amateur radio, to make SEA-PAC truly special. We are excited to see our NW Division hams as well as those from around the US and the world!

Thank you for joining us in beautiful Seaside for SEA-PAC 2023!

Barbara Robertson

Barbara Robertson, KI7BR
SEA-PAC 2023 Committee Chair

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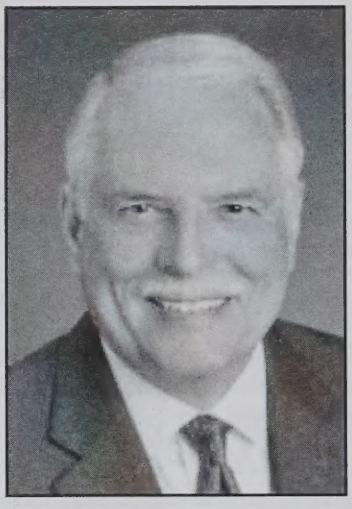
Please express your appreciation to the many dedicated volunteers, vendors, and flea-marketers that make SEA-PAC possible.

The SEA-PAC committees are listed on page 33

SEA-PAC WELCOMES OUR ARRL GUESTS



Rick Roderick, K5UR, ARRL President lives north of Little Rock, Arkansas on a 50 acre hilltop QTH. He has worked 371 countries, including 326 countries on 160 meters, 353 countries on 80 meters, 354 countries on 40 meters, and 156 countries on 6 meters. He holds DXCC on 10 bands and is ranked 5th in the world on the DXCC Challenge Award. He holds over 20 different Worked All Zones Awards, and was one of the first to achieve Worked All Zones on 160 meters. He's also active on VHF/UHF and holds numerous operating achievement awards on those bands.

He's been a ham for over 50 years, is a Life Member of the ARRL and has held numerous ARRL volunteer positions continuously for all of those 50 plus years. He served on the ARRL DX Advisory Committee and was chairman for many years. He was instrumental in the creation and implementation of Logbook of the World and the DXCC Challenge Award. He has been on the ARRL Board of Directors for 27 years and formerly served as ARRL First Vice President. He loves ham radio!!!!!

2023 is ...

the ARRL's 109th year,

SEA-PAC's 41st year,

and the YLRL's 84th year

Due to publication deadlines we apologize for any changes or omissions.

SEA-PAC WELCOMES OUR ARRL GUESTS

David Minster, NA2AA, is the ARRL's Chief Executive Officer.

Minster got his Novice license, WB2MAE, in 1977, when he was in his teens. He progressed from Advanced to Amateur Extra and after a stint as NW2D, he settled on the vanity call sign NA2AA in the 1990s as a way to honor a mentor, N2AA, and the contest station that he used to frequent, K2GL, in Tuxedo Park, New York.

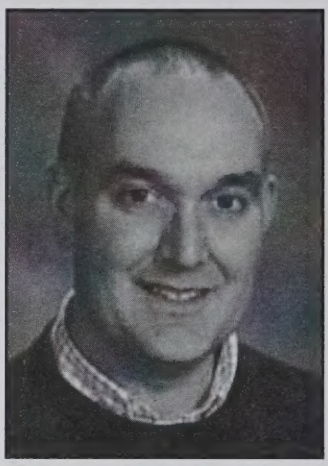
Minster's ham radio pursuits have ranged far and wide over the years. His background includes National Traffic System training and participation in public service events, as well as contesting from home, club stations, and contest stations in the Caribbean — particularly on Bonaire, where he is a member of PJ4G. Primarily a CW operator, Minster collects unique and vintage bugs and keys.

In addition to being an ARRL member, Minster is a member of AMSAT, the Frankford Radio Club, the Straight Key Century Club, CWops and the North American QRP CW Club.

Minster earned a bachelor's degree in computer engineering from The Ohio State University and has a special interest in satellites, digital communications, remote operation, and ham radio computing and software. He has written keyer software for the commercial market, and contest logging, packet, and satellite telemetry software for personal use.

Personal or business information collected as part of this event is not shared or distributed in any way outside of SEA-PAC.

SEA-PAC WELCOMES OUR ARRL GUESTS



Bob Inderbitzen, NQ1R is the Director of Public Relations and Innovation at the ARRL. He and his staff are responsible for ARRL membership and publication marketing. Bob collaborates with other staff, contributing to benefits, services and products enjoyed by all ARRL members. In 2014, he served as the convention manager for the national ARRL Centennial Convention held in Hartford, Connecticut. Bob regularly attends ARRL's national conventions and Dayton Hamvention as part of the team that organizes and operates ARRL exhibits. He also coordinates ARRL's representation at Europe's largest, annual-held Amateur Radio exhibition in Friedrichshafen, Germany.

He enjoys speaking with members and volunteers about ARRL membership recruitment, benefits and services. Bob obtained his first ham radio license, KA2PZD (Novice-class) in 1981. He attributes his early interest in Amateur Radio to a fascination with electronics and a patient middle school vice principal who decided to conduct an Amateur Radio class. Bob says, "I was the only student who enjoyed being sent to the vice principal's office. That's where the radio was!" Bob earned the call sign NQ1R when he upgraded to

V.E. EXAM SESSION

Amateur License Exams at Our Savior's Lutheran Church
East Parish Hall
North and West— across the street from the Convention Center

One Session—Saturday at 9 AM

Pre-registration requested. Walk-ins — If Space Available
Text or call John Bucsek at 503.803.6134

SEA-PAC WELCOMES OUR ARRL GUESTS

Kathleen Callahan, KC1MBY, ARRL Director of Membership, Marketing, and Communication. She joined ARRL in August of 2019 .

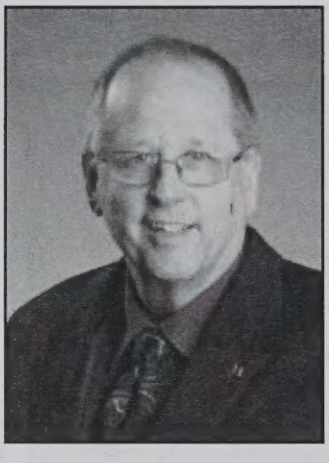
She leads a team responsible for acquiring, retaining, and promoting the value of ARRL membership, overseeing the organization's creative services, marketing, communications, publication sales, and advertising.

Kathleen has spent her career working in and serving the nonprofit sector, with over 20 years of experience in membership, program development, and marketing. She is committed to enhancing the member experience and preserving ARRL's core values, purpose, and brand.

Steve Goodgame, K5ATA, is the ARRL Education and Learning Manager. Steve, of Batesville, Mississippi, is the manager of the ARRL Education and Learning Department. He was instrumental in the implementation of ARRL's Learning Network webinars.

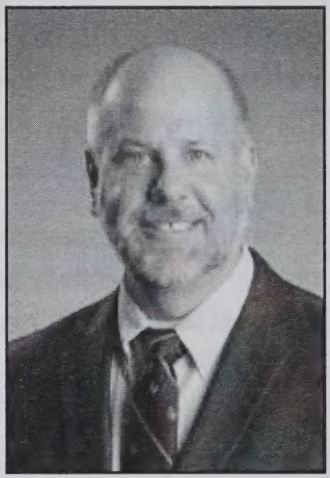
He taught middle school computer science as well as amateur radio. Goodgame's favorite ham radio activity is activating parks in the Parks on the Air (POTA) program with his daughter Jherica, KI5HTA. His wife, Cyndi, is K5CYN. Goodgame hosts the K5ATA Ham Radio YouTube channel www.youtube.com/@k5ata . He is a Volunteer Examiner and a vol-

SEA-PAC WELCOMES OUR NWD GUESTS



Mike Ritz, W7VO, ARRL Northwestern Division Director is a 40-year plus Life Member of the ARRL and very active ham. Mike was first licensed in 1974 as WA6HKP and earned his Amateur Extra in 1983. His main radio interests are contesting and DX, mentoring new hams, and public service through the ARRL ARES program. He is a three term past President of the Willamette Valley DX Club and is Trustee for the Columbia River DX Club, which he founded to mentor new hams in HF operating. He has served as an ARRL Deputy Emergency Coordinator and Emergency Coordinator, an ARRL Accredited Volunteer Examiner, ARRL Registered License Instructor, author, and seminar presenter on a variety of ham radio topics. In 2018, he was elected ARRL Director for the Northwestern Division.

Professionally, Mike holds degrees from Foothill College and San Jose State University, and had a successful career in the high tech telecommunications industry as an engineer, manager and director, prior to retiring in 2014 to focus on building his dream amateur station. When not on the radio he is busy working his small hobby farm in Scappoose, Oregon



Mark Tharp, KC7HDX, ARRL Northwestern Division Vice-Drector has been licensed since 1989 and holds an Amateur Extra Class license. He is a Life Member of the ARRL and has held numerous ARRL volunteer positions. Mark has held Section level positions of EC, DEC, OOC, ASM and AD.

Mark's other amateur radio activities include, contesting, repeater building, hamfests' VE testing, and being an Elmer. He feels it is important for amateur operators to be involved by promoting and participating in not only League activities but amateur radio as a whole.

SCHEDULE OF EVENTS

Friday, June 2

Workshop Registration Open	8:00 AM - 9:00 AM
Workshop # 1 DX Workshop (Convention Center)	9:00 AM - 4:45 PM
Workshop # 2 Emergency Communications (Convention Center)	9:00 AM - 4:45 PM
Workshop # 3 Antenna Build AM(Convention Center)	9:00 AM - 12:00 PM
General Registration & Will Call Open	9:00 AM - 6:00 PM
Raffle ticket sales (*Raffle ticket table*)	10:00 AM - 6:00 PM
Exhibitor Setup	10:00 AM - 8:00 PM
Flea Market Set-Up	11:00 AM - 8:00 PM
Workshop # 4 Antenna Build PM (Convention Center)	1:00 PM - 4:00 PM
General Registration & Will Call Closes	6:00 PM
Flea Market Registration packet available from Coordinator	6:00 PM - 8:00 PM
SEA-PAC Reception *(Riverside A & B)*	6:30 PM - 8:00 PM
Special Event: Radios at the beach *(Across from the Shilo Inn)*	7:00 PM
Exhibitor/Flea Market Set-Up Closes	8:00 PM

Saturday, June 3

Exhibitor/Flea Market Setup	7:30 AM - 9:00 AM
Registration & Will Call Open	8:00 AM - 4:00 PM
Raffle ticket sales (*Raffle ticket table*)	8:00 AM - 4:00 PM
Exhibitor & Flea Market Open	9:00 AM - 4:00 PM
VE Exams (Pre-registered)	9:00 AM
Snack Bar	9:00 AM - 4:30 PM
Hourly Prize Raffles	10:00 AM,12:00, 2:00 PM
Seminars *(Convention Center upstairs)*	10:00 AM - 5:15 PM
YL Luncheon *(Shilo Inn)*	11:30 AM - 12:45 PM
DX Luncheon *(Shilo Inn)*	11:30 AM - 12:45 PM
ARRL Forum (Riverside A & B)	1:00 PM - 2:15PM
Early Bird Raffle ticket sales end	2:00 PM
Early Bird Raffle Drawing *(Convention Center)*	2:30 PM
Major Prize Raffle Drawing *(Convention Center)*	2:45 PM
Exhibitors & Flea Market Close	4:00 PM
Registration & Will Call Close	4:00 PM
Convention Closes	4:00 PM
Pre-Banquet "Happy Hour" *(Convention Center)*	6:30 PM - 7:00 PM
SEA-PAC Banquet *(Convention Center)*	7:00 PM
Special Event: Wouff-Hong Ceremony (Riverside B)	10:15 PM - 11:15 PM

Sunday, June 5

Registration Open	8:30 AM - 12:00 Noon
Raffle ticket sales	8:30 AM - 12:00 Noon
Exhibits & Flea Market Open	9:00 AM - 12:00 Noon
Snack Bar	9:30 AM - 1:00 PM
Hourly Prize Raffle Drawings	10:00 AM & 12:00 Noon
Seminars *(Convention Center)*	10:00 AM -12:00 Noon
Hourly Prize Raffle ticket sales end	11:00 AM
Major Prize Raffle ticket sales end	12:00 Noon
Major Prize Raffle Drawing *(Convention Center)*	1:00 PM
Convention Closes	2:00 PM

Dan Marler K7REX
Idaho Section Manager

Dan Marler, K7REX, was first licensed in as KN7REX in 1961 and has been an ARRL member for well over 50 years. He holds an Amateur Extra Class license.

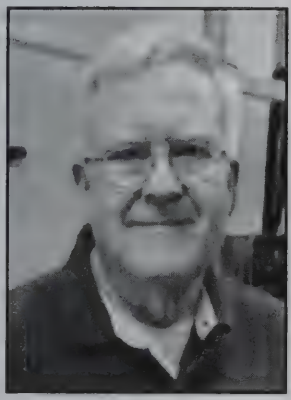
He served eight years with the US Navy as a Radioman, followed by several years in Information Technology (IT) working for both Fortune 500 companies, and in the government sector. He retired as an IT Administrator for FLSmith, a global engineering company.

Dan also holds a FCC Commercial Radiotelephone license, and a FAA Commercial Pilots license and he can be heard on the HF, VHF and the UHF bands.

Amateur Radio has taken him on an enjoyable journey through a wide range of digital (including CW) and voice operating modes and he is currently active in promoting digital text and voice communications. He has served as an ARRL EC, DEC and SEC in years past and in April he became Idaho's SM.

SEAPAC

Monte L. Simpson, W7FF
Western Washington Section Manager



Monte Simpson, AF7FF, was first licensed as a Technician in 1992 as KB7RID. He then upgraded in 2007 to General and to Extra in April 2015. For over 20 years he has been an active operator, promoting Amateur Radio and the ARRL at every opportunity. Monte served as an AEC, EC, DEC, ASEC, OO and ASM in Western Washington.

He is a member of the VHF/UHF Century Club (VUCC). As Section Manager, he works hard to strengthen Amateur Radio in Western Washington. The ARES program is head and shoulders above other programs in the country. Our Volunteer Monitoring (VM) program is the most active in the nation, logging several hundred hours of monitoring each month. The Technical Specialist program has transformed into a Technical Assistance program, for the benefit of all Hams - new or old. He believes the health of the ARRL and continued growth are based on the key components of our Affiliated Clubs and the VE program. We need to attract young energetic hams into our ranks. ARRL is truly an organization of diversity in many aspects.

Monte, and his wife June of 50 years, have 2 children: Tiffany, who lives in Bremerton and Lamont who lives in Dallas, TX. He is retired from the State of Washington where he served as a public safety communications manager. For the past seven years, he has served in the Washington State Guard.

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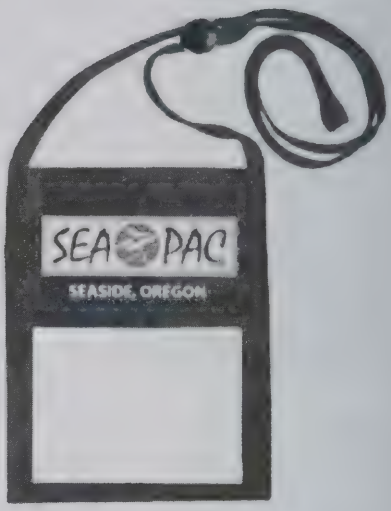
SEA-PAC Pocket Lanyard

The SEA-PAC Lanyard can be purchased for only $5 at the registration desk in the lobby.

Previous year purchasers that bring their lanyards can pick up a free replacement 2023 pocket booklet in the lobby.

This timeless lanyard has a clear pocket in the front for your name badge, a zippered pocket on the top to hold lunch, banquet, or raffle tickets and other small items, and a clear pocket on the back to hold the free pocket book of SEA-PAC activities for reference while attending the convention.



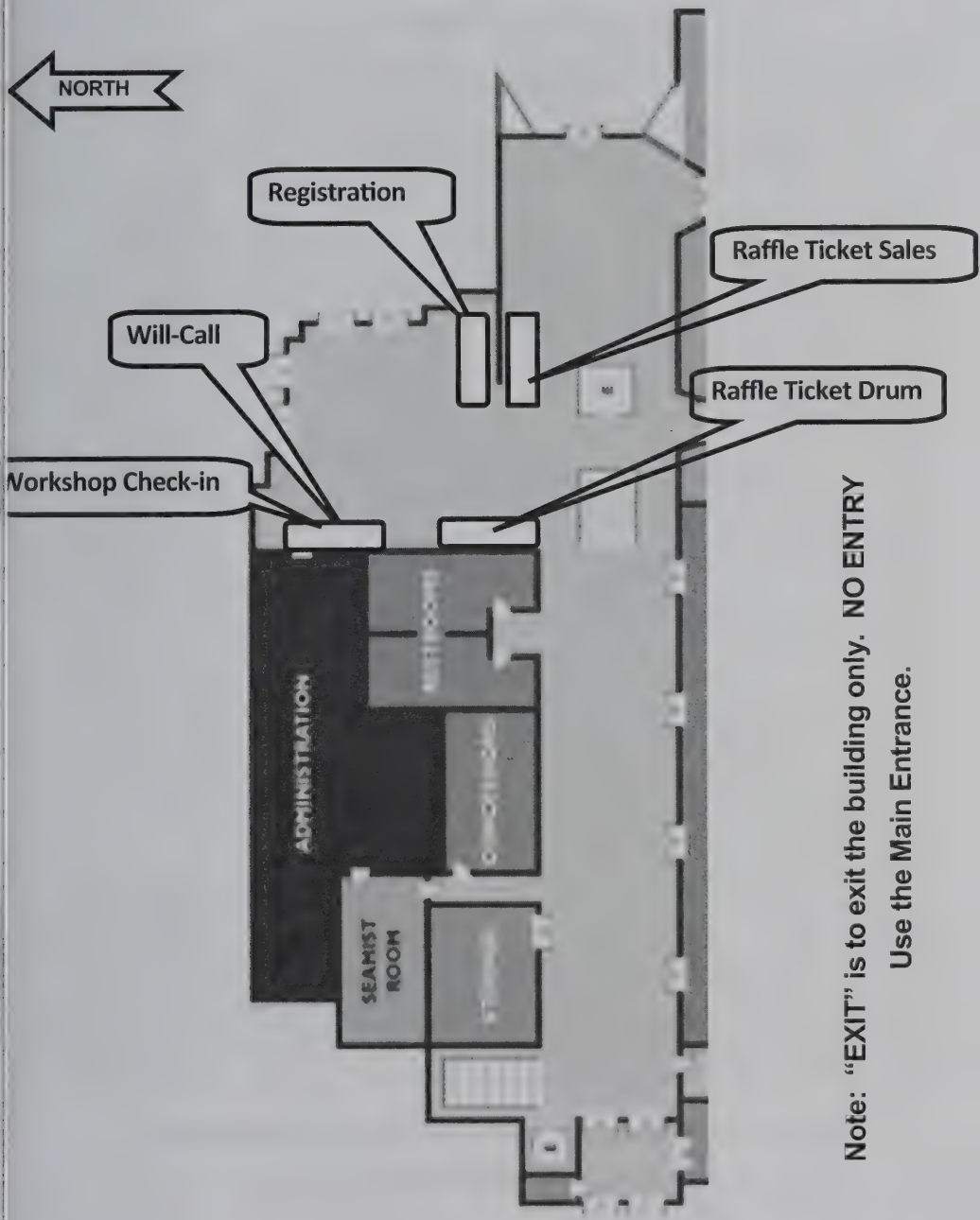
Future SEA-PAC Dates

May 31 – June 2, 2024
June 6-8, 2025
June 5-7, 2026
June 4-6, 2027
June 2-4, 2028
June 1-3, 2029
May 31– June 2, 2030
June 6-8, 2031

Please express your appreciation to the many dedicated volunteers, commercial exhibitors and flea-marketers that make SEA-PAC possible.

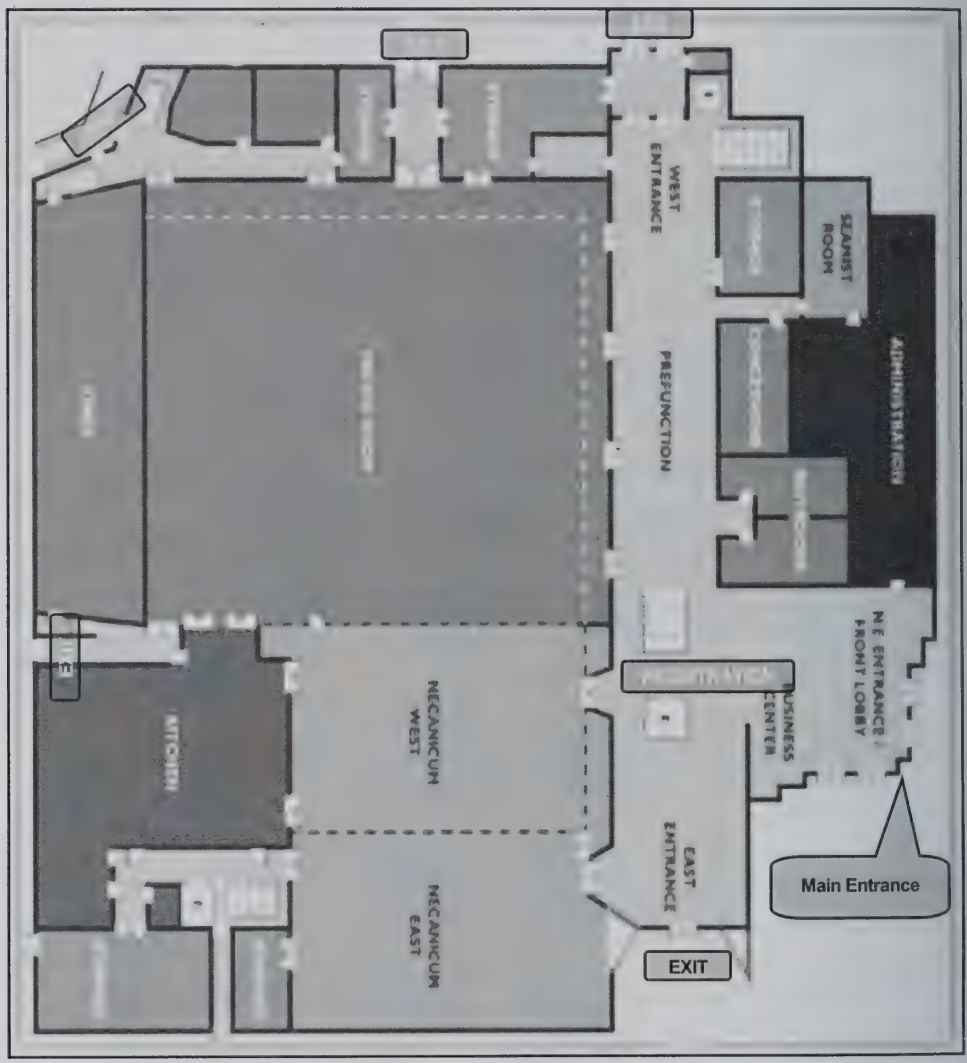
The SEA-PAC committees are listed on page 36.

CONVENTION CENTER
Lobby



Note: "EXIT" is to exit the building only. NO ENTRY
Use the Main Entrance.

CONVENTION CENTER
Main Floor



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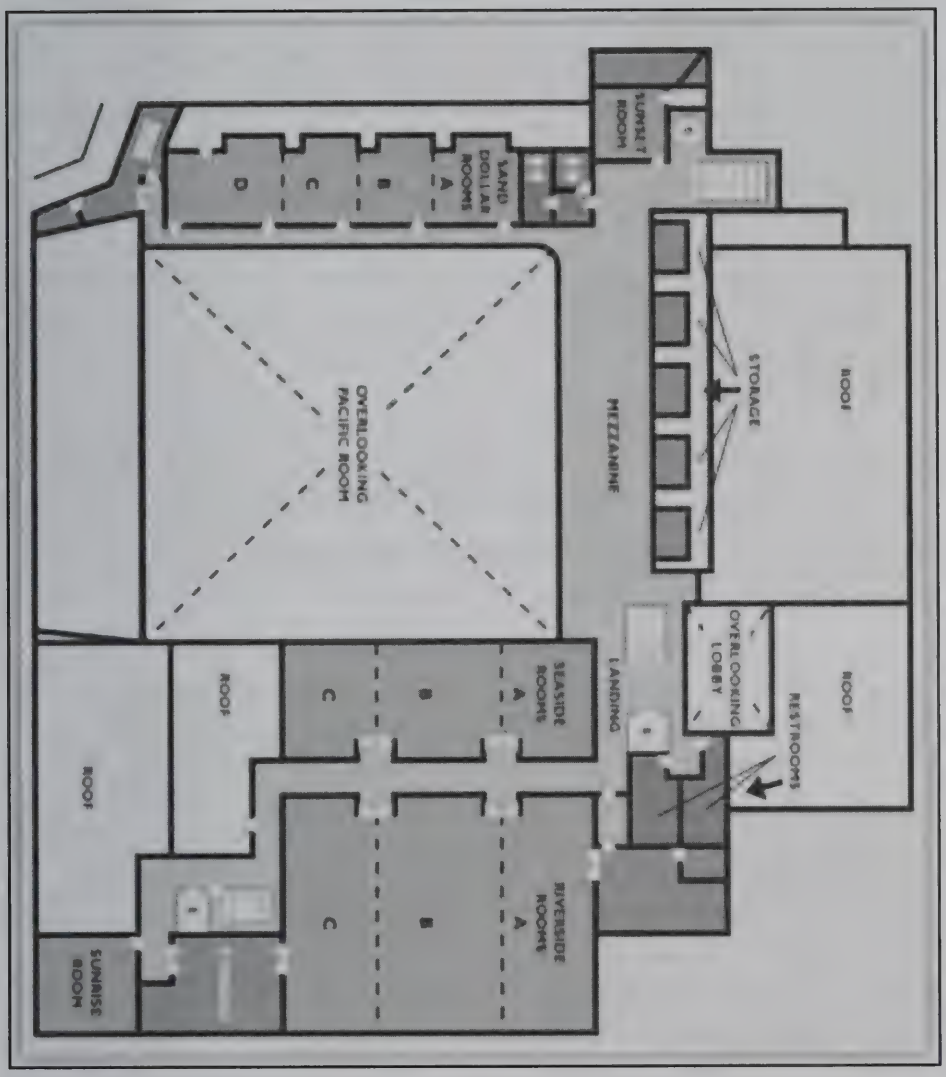
CONVENTION CENTER
Upstairs Floor



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Use the Main Entrance.

SEA-PAC DX & YL Luncheons

YL Luncheon Speaker

Cindi Goodgame K5CYN

"The Next Generation YL"

DX Luncheon Speaker

Robin Amundson, WA7CPA

DXpedition Planning for H44WA

This presentation will give you insight into the challenges of planning a team DXpedition. Like T88WA, this is no holiday operation. We aim to deliver needed band slots to our friends around the world and knock H44 down the Most Wanted list. You will hear our process from QTH selection in H44, goal setting, antenna selection, logistics, and finances. You will also hear about what can go sideways on a DXpedition that cannot be planned for. Flexibility, a sense of adventure, MacGyvership, and the ability to laugh while asking "what next?" are all good traits for team members.

Banquet Music

Jim Fischer KD7KTV is a lifelong musician. Whether teaching or performing, he lives the music. He has performed in Portland area venues and aboard cruise ships. Jim and Marsha live in Vancouver.

Jo Whitney, KA7LJQ
Eastern Washington Section Manager

Jo Whitney KA7LJQ was licensed as a novice in 1981 after testing at the FCC office in Seattle. Volunteer Examiners signed her advanced class CSCE in 1990. Jo is a life member of the ARRL as well as a member of the Diamond club and Maxim Society. She has been an active Volunteer Examiner since 1993 with the ARRL.

Interest in public service communications led Jo to join Yakima Search & Rescue's communications team in 1987 and accept appointment as ARES EC in 1991. Working with her local Office of Emergency Management has stressed the need for understanding and use of the incident management system to structure volunteer response and effectiveness. Interests beyond Em-Comm vary including working on the DXCC list and sitting "in the chair."

It is important for amateur radio operators to be involved to participate and promote amateur radio for the benefit of all. Jo moved to Yakima before the Mount St Helens eruption.

She continues to work as a Registered Nurse promoting the health and safety of the elderly in community living settings.

SEA-PAC Raffles

For those who registered online, use the little Chits included in your Registration packet for the opportunity to purchase SEA-PAC Raffle Tickets!

For those who have registered at the Door, you will receive a Chit for the Hourly Prizes.

Prizes!

Raffle Ticket prices

Hourly Raffles - $1 per Adult Admission.
Early Bird Raffle - $1 per Adult Admission
(Must have registered BEFORE April 15).
Major Prizes - $5 per Raffle Ticket.

Prizes Include

T-Shirts
Radios
Hotel Stays
Handhelds
Tools
Antennas
Books
Local Restaurants
Cables

And SO much More!

Prize Donations from our Exhibitors come in throughout the SEA-PAC Event. For the most up to date list of prizes, see the listing at the Prize Administration Table located near the Main Stage.

The purchaser must hold an Adult registration for the SEA-PAC Ham Convention and be 18 years of age or older.

For more information see the Raffle Information, Disclosures, and House Rules where the Raffle Tickets are sold!

EXHIBITORS

7th Area QSL Bureau / WV DX Club
ABR Industries
Amateur Radio Digital Communications
Amateur Radio Relay Group
American Radio Relay League
Buddipole, Inc.
Cat Tails Design
Compudigital Industries
Elecraft, Inc.
Fast Track Ham Radio Education
Flex Radio
Gold Medal ideas, Inc
Ham Gear
Ham Radio Outlet
Hip Ham Shirts
Icom America
ICS Controllers
Impulse Electronics
Jpoles.com
Lido Radio Products
NW Radio/Hi-Tech Liquidators
Oregon ACES
Pacific Amateur Radio Group
PreciseRF
PreppComm Amateur Radio
QSL Concept
Seaside Tsunami Amateur Radio (STAR)
Sunset Empire Amateur Radio Club (SEARC)
Tac-Comm
Western Case
Western Washington Amateur Relay Ass'n (WWARA)
Wired Communications
Yaesu USA
Young Ladies Radio League

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Due to publication deadlines we apologize for any changes or omissions.

SEMINAR SCHEDULE

			A	B	C
Day	**Period**	**Row**	**Riverside A**	**Riverside B**	**Riverside C**
Sat	**1000-1050**	**1**	Operating Portable for SOTA and POTA (KJ7VDP)	Migrating to AUXCOMM (N7HQR/N7SS)	Lewis and Clark Trail on the Air (KD7RUS)
Sat	**1100-1150**	**2**	Limited Space Antennas for HOA and Stealth Applications (W7UUU)	Flex Radio (N5AC)	What is a Balun, and Why Should I Care? (AC7NP)
Sat	**1200-1250**	**3**	SOTA Fun for Everyone! (KB7WSD)	AREDN Meshnet (W8HMC)	Automate Your Station with NodeRed (KB2S)
Sat	**1300-1350**	**4**	American Radio Relay League (ARRL) Forum (W7VO/KB7HDX/NA2AA/K5UR/K5ATA/NQ1R)		
Sat	**1520-1610**	**5**	The Storied History of the Ham Radio Callsign (W7VO)	Wire Beam Antenna for SOTA/POTA (VE7UTS)	Make Your Own OSCAR Satellite (W7DGP)
Sat	**1620-1710**	**6**	A New Look at Ham Radio History (W7DGP)	Run Your 100W Transciever from an Old Laptop Charger (VE7UTS)	Ham Law Cornicopia! Something for Everyone, Now With Prizes (KB7WSD)
Sun	**1000-1050**	**7**	Nine Steps to Solar Success (KB7RHI)		
Sun	**1100-1150**	**8**			

SEMINAR SCHEDULE

D	E	F
Seaside A	**Seaside B**	**Seaside C**
Ham Radio Q&A (NS7U)	Helping Youth Find Amateur Radio (K5ATA)	Solder build (AI7ND/AI7NB/KF7ZIM/KI7EZS)
PNW Digital Mobile Radio (DMR) (N7ER)	Using Spectrum Analyzers (AK6OK)	
Intro to 3-D Printing (N2EU)	The Fast Track to Understanding Ham Radio Propagation (AF7KB)	
ARDC Grants and Advances in 44Net (K7VE)	Solar Power Decisions (W7ALA)	Helping Youth Find Amateur Radio Roundtable (K5ATA)
YL Forum: Youth in Amateur Radio (AC7UH/AA6MR/KE8LQR/K5CYN/AF7MM)	How to Measure Lamb Waves with your Shortwave Radio (VE7DXW)	
Magnetic Loop Antennas (W1RMS)	[Technical topic] (W7PF)	
Making Filters with Coax (AK6OK)		

See Pages 22 & 23 for Seminar Synopsis
(use row number THEN column letter (e.g. "3A")

SEMINAR SUMMARIES

Grid	TwoLineDesc
1A	Get out of the house and summit, or chase those who walk uphill. Learn how and where.
1B	AUXCOMM training can help your
1C	The Lewis & Clark on the Trail event commemorates western exploration. Work all 16 states.
1D	Got a question about ham radio? Come ask, and we can learn together.
1E	Steve will convey ideas on ways to help youth find amateur radio.
1F	Learn to solder with a small kit. Purchase tickets at downstairs ticket sales, $7.
2A	HOA rules are everywhere, but you can still get on the air! Learn options that work.
2B	Flex Radio keeps coming up with new and interesting products.
2C	For some, a balun is a mystery. Learn what they are an how to use them.
2D	Digital Mobile Radio offers interesting possiblities. See how to get started.
2E	See a spectrum analyzer in action and what it can do for you.
2F	Learn to solder with a small kit. Purchase tickets at downstairs ticket sales, $7.
3A	Summits On The Air gets you outdoors and enjoying nature and radio. Learn more to enjoy it.
3B	Mesh nets are expanding in the NW. Learn about a large high speed net.
3C	Station automation intrigues some and scares others. Learn some possibilities.
3D	Intro to the various aspects of 3D printing. Review benefits and drawbacks of different types of printers and printing materials. Great for interested hams getting started.
3E	Propagation is mostly hot these days, but sometimes not. Learn more about the subject.

SEMINAR SUMMARIES

Grid	TwoLineDesc
3F	Learn to solder with a small kit. Purchase tickets at downstairs ticket sales, $7.
4A	The ARRL CEO, President, and Northwestern Division leaders will present short statements and answer your questions on League and amateur radio topics.
5A	The story behind our call signs paints an interesting picture of our history.
5B	Learn to build a wire 3-el Bird Yagi-Uda for 20 metres. You need PVC, wire, rope, and few other items
5C	Learn how a group build an OSCAR satellite so you can do it.
5D	Learn about ARDC grants and grant process
5E	Roger will help you decide if solar power makes sens for your home or activities. The dicussion will include how to calculate requirements and equipment. Q&A and handouts included.
5F	Roundtable discussion for STC and interested hams on ways to interest youth in this wonderful hobby.
6A	Amateur radio is over 100 years in the making, and there is much to learn from our past.
6B	Got an old laptop charger around? Learn how to power your 100 watt transmitter in the field.
6C	Got a legal question about ham radio? This is the place to ask.
6D	YL discussion on ways to encourage youth to find amateur radio, especially Yls.
6E	When the earth shakes or volcanoes erupt, Lamb waves are generated that can be detected by shortwave radios since the ionosphere is disrupted.
7A	Mark will show and describe multiple solar setups for various purposes. Come be amazed at the possibilities.
7D	"Mag-loop" antennas provide a capable antenna system for the site challenged (such as HOA or apartment).
7E	Title not available at publication time.
8A	Mark will show and describe multiple solar setups for various purposes. Come be amazed at the possibilities.
8D	Need a filter but out of the shack? Build one with coax.

C.A.R.S. Country Store

As a service to Flea Market buyers the C.A.R.S. (Cascade Amateur Radio Society) club provides a testing center for equipment. A power supply, voltmeter, service monitor, oscilloscope and frequency counter are a part of their testing equipment. Check out what you are considering buying. Neither C.A.R.S. nor SEA-PAC can accept responsibility for the condition of any equipment nor can be held responsible for any damage as a result of use of test gear. As an additional service to the amateur radio community, C.A.R.S. also provides a Country Store where rigs and other equipment will be displayed for sale. Have a piece of gear to sell? As an additional service we will consign it for you at a reasonable charge. Remember, your boat anchor is someone else's dream machine!

Like SEA-PAC on Facebook!
(SEA-PAC)

Follow SEA-PAC on Instagram!
(seapac_hamradio)

Follow SEA-PAC on Twitter!
(@SEAPACatSEASIDE)

Please express your appreciation to the many dedicated volunteers, commercial exhibitors and flea-marketers that make SEA-PAC possible.

The SEA-PAC committees are listed on page 33

PRIZE DONORS

Exhibitors Donating Prizes

ABR Industries
Bioenno Power
Buddipole
Cable Experts
Cat Tail Designs
Elecraft
Fast Track Ham Radio Education
FlexRadio
Gold Medal Ideas
Ham Gear
Ham Radio Outlet
Hip Ham Shirts
ICOM America
ICS Controllers
Impulse Electronics
Jpoles.com
NW Radio/Hi-Tech Liquidators
PreciseRF
QSL Concept
Tigertronics
Western Case
Wired Communications

Merchants Donating Prizes

Seaside, OR
Ebb-Tide Oceanfront Inn
Hi-Tide Oceanfront Inn
Inn At Seaside
River Inn At Seaside
The Saltline Hotel
North Coast Leather
Portland Fudge
Pig 'N Pancake
Seaside Chamber Of Commerce
Camp 18

Grants Pass, OR
Tigertronics

Nehalem, OR
Nehalem Bay Winery

Vancouver, WA
Pulse Larsen Antenna

Arrington, SD
BTECH Marketing

Vancouver, BC
BF Technic Arts Ltd.

Fredericksburg, VA
EasyWayHam Books
K4IA c/o Craig Buck

Praha, Czech Republic
Mastrant Antenna Guying

SEA PAC

Mickley/Berg Memorial Scholarships

Hannah Rosenfeld W7HER

Hannah Rosenfeld (W7HER) is an Extra Class operator licensed since 2019, and currently the president of the University of Oregon Ducks on the Air radio club (N7DUX). She is finishing her third year at the U of O majoring in biology and minoring in Spanish. She grew up in Eugene and loves the Pacific Northwest and spending time outdoors! She loves playing and watching sports (basketball, baseball, softball, football, pickleball etc.), listening to music, and spending time with friends. Her hobbies within radio include contesting, radio direction finding, participating as a Volunteer Examiner (both in-person and remotely), and participating in community events, such as Field Day. I'm honored to receive this scholarship and to be attending the banquet at SEA-PAC!

Sarah Adams KB8PRL

Sarah Adams, KB8PRL, has been involved in ham radio her whole life, always begging to use her parents or grandparents radios as a child. It was not until she was twelve in 2017 that she got her own license. She has been involved in exhibitors hospitality at SEA-PAC as long as she can remember. She has also helped out with the overnight shifts of the Hood to Coast Relay, most recently as part of the race control team. In the fall she plans to go to Oral Roberts University in Tulsa, Oklahoma where she will study accounting before going on to get her Master of Business Administration. Aside from ham radio she has many other hobbies, the biggest of which is baking. She also really enjoys reading, writing, and embroidery. The outdoors is her happy place and if she is not indoors baking, most of her free time will be spent outdoors, often in a hammock reading or doing embroidery. She has also been involved in 4-H since 2016 and has used her ham license to communicate from the people at camp out to the people on the trails. Once she finishes college she plans to get more involved with local radio clubs.

SEA-PAC 2023 Pin Contest Winner

Adam Leask KC7NKP

Adam Leask, KC7NKP, is an Oregonian born in Vancouver, B.C., Canada who currently lives with his family in Bend. He moved to Bend in 2001 and now considers that place home where he started his family. He has three wonderful children, Audrey, Owen & Lilly and his wife Mindy.

Licensed in Ferndale, WA in 1993, Adam is currently a General who upgraded at Sea-Pac in 2019. Adam dabbles in a little DMR here and there, but you will probably find him on IRLP hanging out on the 0070 experimental reflector. "I think I am partial to IRLP because of Dave Cameron. He's the fellow that started IRLP, and was my neighbor in West Vancouver. Of course, he moved to the states long before IRLP was invented, but it's always a fun story to tell," says Adam, "and the fellows on 0070, well, they are wonderful to chat with and such a wealth of knowledge, especially if you like playing with Raspberry Pi's. I think I have a half dozen or so laying around for various projects. He has used them for IRLP nodes, Allstar nodes, SDR, PBX's, Media servers, FTP servers, flight trackers and the list goes on."

Adam is currently the treasurer for the High Desert Amateur Radio Group (HIDARG) in Bend and operates IRLP node 7836.

Paul Stiles KF7SOJ
Montana Section Manager

Paul Stiles, KF7SOJ became the Montana Section Manager on October 1, 2019.

SEA-PAC Flea Market

Please take time to visit the numerous "flea-marketeers" who brought ham treasures galore to share with others.

Their excess might be just the thing you, or someone you know, need for a project!

Since Flea Market tables are a key contributor to the overall SEA-PAC experience, be sure and register for one or more when registration opens in 2024.

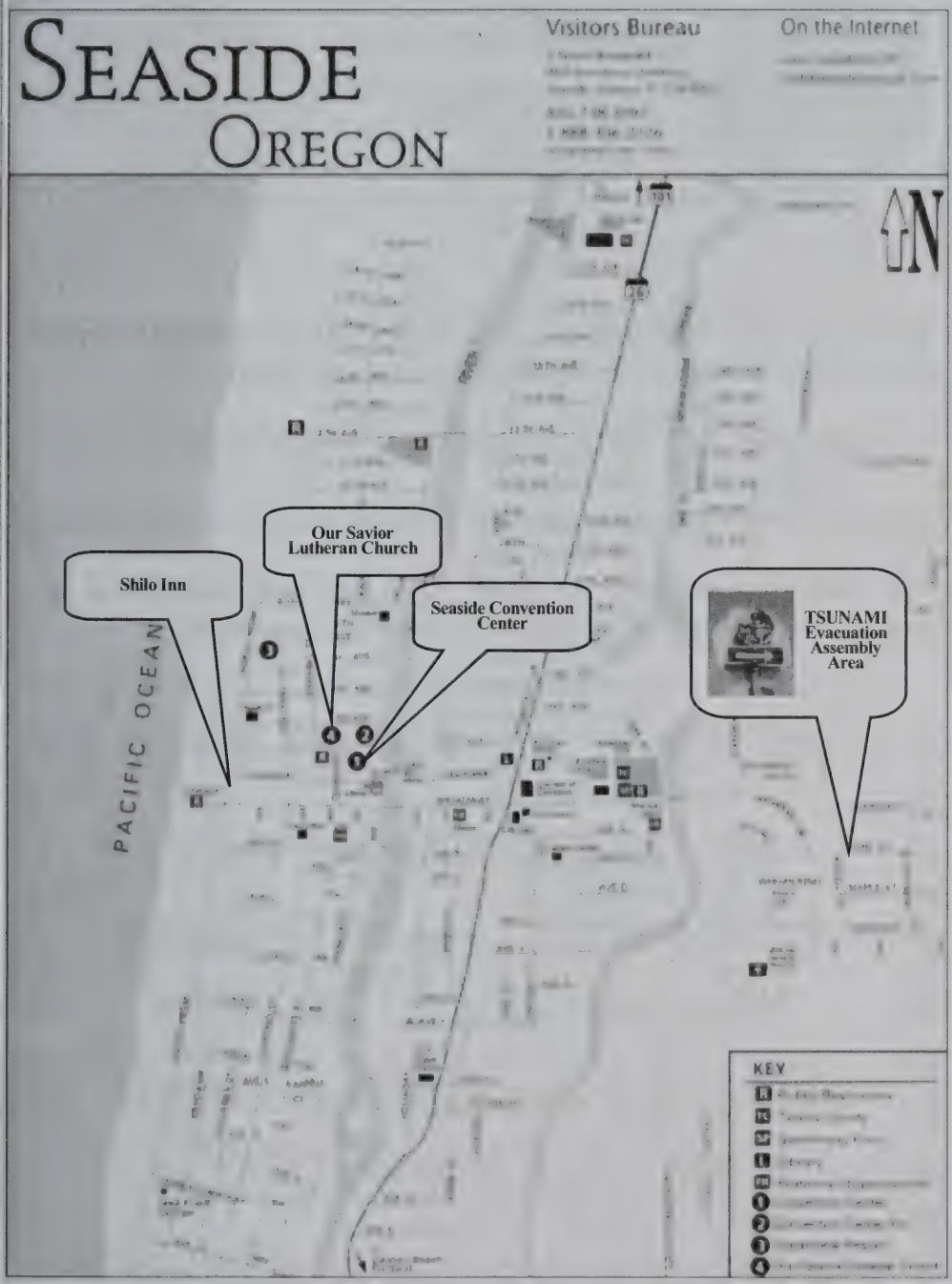
David Kidd, KA7OZO
Oregon Section Manager

David Kidd, KA7OZO, was first licensed in 1981 as a Novice and stayed that way for a long time, enjoying the challenges of that class in a time of great propagation. He later upgraded to Tech+. Eventually, he was involved in establishing ARES in Clackamas County Oregon and became the EC in 2003. David also previously held the Oregon District 1 DEC position for five years.

David was appointed Oregon Section Manager in July 2018. During his ham career, besides ARES, he enjoys county hunting, DXing, QRP and trying out other aspects of our fine hobby.

David is a United States Marine until the day he dies. He is a combat veteran and is now retired with 14 years active Marine Corps duty. He also served 16 years in the Army Reserves and Oregon National Guard.

SEA-PAC Activity Locations



2023 SEA-PAC Collector Pin and Tee Shirts

The Adam Leask, KC7NKP, 2023 SEA-PAC Pin design is available on both SEA-PAC collector pins and tee shirts.

You can order your T-shirt directly from Hip Ham Shirts at

https://www.hiphamshirts.com/collections/sea-pac-convention.

The 2023 collector pins (and several other past years) are only available at the SEA-PAC registration desk.

We Hope to See You All Live and In Person Next Year at SEA-PAC 2024 in beautiful Seaside, Oregon. May 31 – June 2, 2024

SEA-PAC CONTACTS

SEA-PAC Chair	Barbara Robertson 503-840-4479 chair@seapac.org
Vice-Chair	Delvin Bunton, NS7U 360.564-219-1112 vice-chair@seapac.org
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Exhibitors:	Warren Winner, W7JDT 503.644.0752 exhibitors@seapac.org
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Registration:	Melissa Nelson, WA7MEL 503.882.7388 registration@seapac.org
Workshops & Seminars:	Delvin Bunton, NS7U 360.256.9122 seminars@seapac.org
Prizes:	James Newsome, KE7ZAC 360-903-0266 prizes@seapac.org
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SEA-PAC Message Phone:	503.882.7388
SEA-PAC Web Site:	http://www.seapac.org
SEA-PAC Mailing Address:	SEA-PAC Ham Convention Post Office Box 7263 Aloha, Oregon 97007-0963

David Stevens KL7EB
Alaska Section Manager

David Stevens, KL7EB, is an extra class Amateur and 40 plus years a Life Member of the American Relay Radio League. There are 3784 amateurs in Alaska of which 1934 are Technician class.

He promotes contesting, and DXing and also encourages members to participate in more WAS (Worked All States), 10-10 awards, High Altitude Balloon launches, Islands On Air (IO A), Moon bounce and other diverse parts of our hobby. Some of his greatest thrills was each time he helped a disabled ham fix his tower and high SWR. The smile on their faces is priceless.

As section manager in 1984 he saw expanded voice privileges on HF thanks to support of Juneau hams. Later the FCC turned primary monitoring over to amateurs, as well as starting a Voluntarily Examining program. He was the Iditarod Chief of communications with the 2003 restart in Fairbanks. He is excited to help amateur radio into the next generation.

SEA-PAC Feedback

We appreciate feedback on your experience at SEA-PAC. To share it with us, send us an email with your comments to:

suggestions@seapac.org

Thank you for attending SEA-PAC and thank you in advance for taking the time to help us make SEA-PAC

SEA-PAC COMMITTEES

SEA-PAC CHAIR
Barbara Robertson, KI7BR

VICE-CHAIR
Delvin Bunton, NS7U

OTVARC LIAISON
Ron O'Connor, KD7VIK

CCARC LIASION
Delvin Bunton, NS7U

ADMINISTRATION
Gary Takis, K7GJT
Wayne Schuler, AI9Q (A)

BANQUET & LUNCHEONS
Ron O'Connor, KD7VIK

EXHIBITORS
Warren Winner, W7JDT
Barb Winner, WB1ARB (A)

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Candice Bucsek, KF7WPQ
Melissa Nelson, WA7MEL (A)

HEALTH & SAFETY
Toby Clairmont, KH7FR

Reception For All
Delvin Bunton, NS7U
Wayne Schuler, AI9Q (A)

PUBLIC INFORMATION (PIO)
Greg Shuster, KI7DTS

SOCIAL MEDIA
hayne Rowan WA7MSR
Casey Baldwin N7CTB (A)

REGISTRATION
Melissa Nelson, WA7MEL
Candice Bucsek, KF7WPQ (A)

WEBSITE
Michael Nelson, N7IQM (Back Office)
Melissa Nelson, WA7MEL (Registration)
Gary Takis, K7GJT (Public Pages)

PUBLICATIONS
Gary Takis, K7GJT
Wayne Schuler, AI9Q (A)

SECURITY
Bruce Bullis, KG6CI
Geoff Apgar, W7JEZ (A)

SEA-PAC PIN PROGRAM
Jerry Sheffield, N7THL
Don Wells KK7GJA (A)

SEA-PAC ADVISOR
Herb Hirst, K7HLH

QSO Party
Ron O'Connor, KD7VIK

EXHIBITOR HOSPITALITY
Heidi Bayer, KG6SVM
Dave Moore, KF7ASP (A)

PRIZE COMMITTEE
James Newsome, KE7ZAC
Warren Winner, W7JDT (A)
Darwin Durr, K7PSD

CONVENTION SETUP
Wayne Schuler, AI9Q
Herb Hirst, K7HLH (A)

WORKSHOPS & SEMINARS
Delvin Bunton, NS7U
Toby Clairmont, KH7FR (A)

PHOTOGRAPHER
Greg Shuster, KI7DTS

FLEA MARKET
Dave Wright, AB7DW
Jim Schaffer KB7ADH (A)

EXHIBITOR SET UP
Michelle Lee, KI7EJC
Dave Moore, KF7ASP (A)

V.E. TESTING
John Bucsek, KE7WNB
Paul LeFevre KI7ADC (A)

Tsunamis

Coastal areas along the Pacific Ocean sometimes experience earthquakes and the resulting tsunami waves. If you feel an earthquake:

- Drop, cover, and hold
- Move immediately inland to higher ground (see map on page 29)
- Do NOT wait for an official warning
- Go to the evacuation staging area by foot.
- Leave your auto parked"

From the Convention Center, walk EAST on Broadway about ¾ mile up the hill. Leave your car and walk because you will pass the folks stuck in traffic jams.

From Broadway Middle School, walk SOUTH to Broadway then EAST up the hill to the evacuation assembly area.

A local earthquake (along the Cascadia Fault Zone) may be your only warning. You likely have less than 15 minutes to reach higher ground. More distant earthquakes will not give the shake warning, so sirens will sound for 3 minutes at intervals.
We do not expect an earthquake or tsunami during your visit, but advance plaing helps you prepare for the unexpected. (See map on page 32)

ARRL and Northwestern Division Scholarships

Northwestern Division Scholarship Funding is made available through the generosity of the Members of the ARRL Northwestern Division (NWD). NWD scholarships currently available include: The Wilse Morgan, WX7P, Memorial ARRL Northwestern Division Scholarship; The Joel R. Miller, W7PDX, and Martha C. Miller STEM Scholarship; The William Bennett, W7PHO, Memorial Scholarship; The Mary Lou Brown Scholarship; and The Lois Manley, K7LMZ and Randall Pitchford, WW7ZZ Scholarship.

These scholarships are awarded to eligible hams living in the Northwestern Division (Alaska, Idaho, Montana, Oregon, or Washington) who are members of the ARRL, active in Amateur Radio activities, and who are pursuing higher education. Generally, applicants include high school seniors, undergraduate, and graduate students.

In Addition, there are many additional scholarships available From the ARRL Foundation that are non-specific to the NWD and some have specific requirements. Please encourage young, licensed, active Hams to apply for one of these scholarships. Those interested in applying for a Northwestern Division Scholarship, please have then visit www.arrl.org/scholarship-program to learn more.

To create a new scholarship please reference: www.arrl.org/arrl-foundation-donation-form or contact Melissa Stemmer KA7CLO at KA7CLO@arrl.org or call 860-594-0348.

For 2023, there are approximately 165 scholarships available from the ARRL Foundation ranging in values from $500 to $25,000.

The Next application process for 2024 ARRL Foundation Scholarships will begin in the Fall 2024 and will end on December 31, 2024.

"The Northwest's Largest Ham Convention"

SEA PAC '24

May 31 - June 2, 2024

ARRL NORTHWESTERN DIVISION CONVENTION

Seaside Convention Center, Seaside Oregon

Commercial Exhibits • Giant Flea Market • Seminars • Workshop
Banquet • Entertainment • VE Testing • DX & YL Luncheons

On the beautiful Northwest ocean beach

Exhibitor Contact:	Flea Market Contact:	Registration Contact:
exhibitors@seapac.org	fleamarket@seapac.org	registration@seapac.org

◄ **www.seapac.org** ►

I want to be part of SEA-PAC '2024. Please email me:

☐ Flea Market Information ☐ Volunteer to Help

☐ Commercial Exhibit Rates and Contract

☐ I would like to *See* or *Present* (*circle one*) a Seminar on...

Topic _____

Name _____ Call _____

Address _____

City _____ State_____ Zip _____

Telephone _____

Email Address _____

Gather this information and Email the information to
info@seapac.org